ABSTRACT

An optical recording medium wherein the percentage change ($|[a^2 - a^1]/a^1| \times 100$) of the recording layer thickness (a^2) at the recorded site of recording layer (A) after recorded with laser light compared with the recording layer thickness (a^1) at unrecorded site of said recording layer (A) is less than 25% and the amount of change ($|a^2 - a^1|$) of the recording layer thickness (a^2) at recorded site of said recording layer (A) after recorded with laser light compared with the recording layer thickness (a^1) at unrecorded site of said recording layer (A) is controlled to be less than 15 nm. The optical recording medium can enable recording and playback with high quality using laser of 300 nm to 900 nm. Also provided is a compound comprising a six-membered ring structure composed of four carbon atoms and two nitrogen atoms and a bonded substituted or unsubstituted amino group.